

Converting Colors

$Y_{xy}(41.8860, 0.2659, 0.2978)$

Have a look what the booklet for
Yxy(41.8860, 0.2659, 0.2978)
contains.

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Color

Yxy(42.0327, 0.2660, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	8CB3C9
RGB	140, 179, 201
RGB Percent	55%, 70%, 79%
CMY	0.4508, 0.2980, 0.2118
CMYK	0.30, 0.11, 0.00, 0.21
HSL	202°, 36%, 67%
HSV	202°, 30%, 79%
XYZ	37.4814, 42.0327, 61.3934
YIQ	169.8470, -30.3060, -1.4260

Conversions

Conversions Part 2

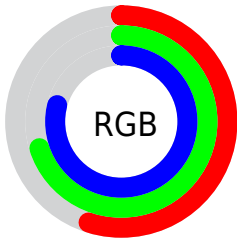
Format	Color
RYB	140, 164, 201
Decimal	9221065
CIELab	70.89, -7.88, -15.41
CIElCh	71, 17.310, 242.914
Yxy	42.0327, 0.2660, 0.2983
Android (android.graphics.Color)	4287411145 (0xFF8CB3C9)
YUV	169.8470, 15.3584, -26.1758
Hunter-Lab	64.8326, -10.2617, -10.7619

Details

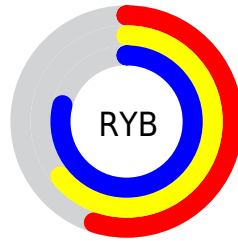
The Yxy color **42.0327, 0.2660, 0.2983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1639, 0.3718, 0.3577**, and the grayscale version is **40.0554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2388, 0.2761, 0.3074**, and **19.1030, 0.2528, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **37.6129, 0.2511, 0.2863**, and if you desaturate by 10%, it is **46.9277, 0.2814, 0.3094**.

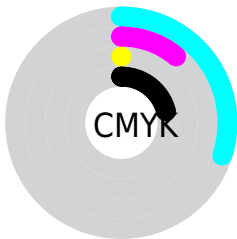
Distribution



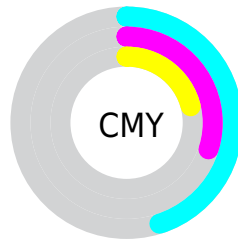
- Red (55%)
- Green (70%)
- Blue (79%)



- Red (55%)
- Yellow (64%)
- Blue (79%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)





- Cyan (45%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0327, 0.2660, 0.2983 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 42.0327, 0.2660, 0.2983 by changing the saturation by 10% instead.


 42.0327, 0.2660,
0.2983


 42.0327, 0.2660,
0.2983


354.6185, 0.2894,
0.3141

 29.1269, 0.2602,
0.2942


 78.2491, 0.2745,
0.3041

 19.1768, 0.2527,
0.2889


 102.3285, 0.2777,
0.3063

 11.7981, 0.2428,
0.2818


 130.9012, 0.2804,
0.3081

 6.6064, 0.2291,
0.2716

164.3517, 0.2827,
0.3097

 3.2172, 0.2091,
0.2562

203.0642, 0.2847,
0.3110

 1.2461, 0.1771,
0.2302

247.4233, 0.2865,

 0.0989, 0.0000,

0.3122

0.0760

297.8132, 0.2880,
0.3132

0.0000, 0.0000,
0.0000

42.0327, 0.2660,
0.2983

42.0327, 0.2660,
0.2983

37.6129, 0.2511,
0.2863

46.9277, 0.2814,
0.3094

33.6437, 0.2369,
0.2735

52.3113, 0.2969,
0.3195

30.1052, 0.2240,
0.2601

58.2023, 0.3122,
0.3287

26.9738, 0.2127,
0.2463

64.6170, 0.3272,
0.3369

24.2229, 0.2032,
0.2324

71.5708, 0.3416,
0.3442

■ 21.8212, 0.1959,
0.2186

■ 77.9946, 0.3512,
0.3510

■ 19.7765, 0.1904,
0.2056

■ 81.9429, 0.3497,
0.3581

■ 86.0591, 0.3482,
0.3652

■ 90.3452, 0.3468,
0.3721

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.0327, 0.2679, 0.3173



42.0327, 0.2660, 0.2983



42.0327, 0.2760, 0.2883

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.0327, 0.2660, 0.2983



42.0327, 0.3446, 0.3167



42.0327, 0.3283, 0.3728

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.0327, 0.2660, 0.2983



40.1639, 0.3718, 0.3577

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.0327, 0.3499, 0.3707



42.0327, 0.2660, 0.2983



42.0327, 0.3597, 0.3376

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.0327, 0.2660, 0.2983



42.0327, 0.3209, 0.2992



42.0327, 0.3616, 0.3574



42.0327, 0.3032, 0.3618

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.0327, 0.2660, 0.2983



42.0327, 0.2883, 0.2876



42.0327, 0.3616, 0.3574



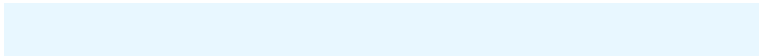
42.0327, 0.3362, 0.3736

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.0344, 0.2660, 0.2983



90.7334, 0.2987, 0.3207



49.9365, 0.2945, 0.3852



19.1148, 0.2965, 0.3193



0.0000, 0.0000, 0.0000



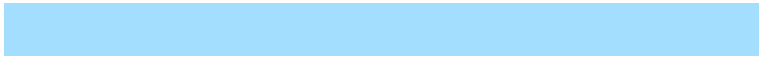
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.0344, 0.2660, 0.2983



67.2025, 0.2567, 0.2910



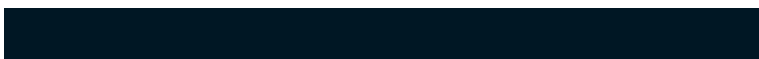
31.3465, 0.2611, 0.2546



11.3988, 0.2984, 0.3205



12.6140, 0.1910, 0.2075



0.7311, 0.1988, 0.2357

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.4376, 0.3379, 0.2797



52.7926, 0.3446, 0.2694



51.9460, 0.3611, 0.3938



10.7491, 0.3192, 0.3143



8.8134, 0.4369, 0.2180



0.4308, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 42.0327, 0.2660, 0.2983 looks on a white background.

Color Contrast Check

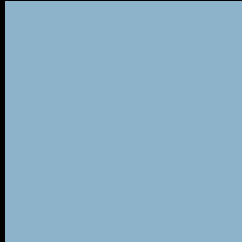
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.0327, 0.2660, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

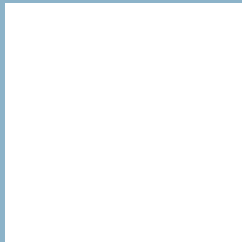
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0327, 0.2660, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 42.0327, 0.2660, 0.2983.



This preview shows how white text looks on a background with the Yxy color 42.0327, 0.2660, 0.2983.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.0327, 0.2660, 0.2983

Protanopia

41.9256, 0.2910, 0.2970

Deuteranopia

41.8017, 0.2906, 0.2848



Tritanopia

42.0265, 0.2700, 0.3091

Trichromacy



Original Color

42.0327, 0.2660, 0.2983

Protanomaly

42.0063, 0.2809, 0.2978

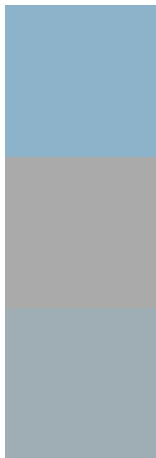
Deuteranomaly

41.8328, 0.2810, 0.2902

Tritanomaly

42.1627, 0.2680, 0.3050

Monochromacy



Original Color

42.0327, 0.2660, 0.2983

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5943, 0.2942, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0327, 0.2660, 0.2983 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(140, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(140, 179, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(140, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 179, 201) }
```

Border

The CSS property to change the border of an element to Yxy 42.0327, 0.2660, 0.2983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 179, 201) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(140, 179, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(140, 179, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(140, 179,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0327, 0.2660, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 179, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(140,  
179, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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